## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S156	2	(("5882956") or ("6007920")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/19 10:01
S157	59	(furukawa).as. laser dicing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 10:03
S162	0	die adj dond\$3 laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 10:26
S163	5094	die adj bond\$3 laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 10:26
S164	575	die adj bond\$3 laser same (adhesive) same (substrate or wafer or carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 10:27
S165	7	die adj bond\$3 laser same (adhesive) same (substrate or wafer or carrier) (laser near (first second))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 10:48
S166	16	("20040180473"   "20050242073"   "20060035411"   "20060205183"   "20060255022"   "20060281226"   "20070004179"   "20070109526"   "20070128767"   "20070141811"   "20070264799"   "6130401"   "6514795"   "6896760"   "7388172").PN. OR ("7737002").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/19 10:53

S167	323	die adj bond\$3 laser with (adhesive) laser with (substrate or wafer or carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 11:09
S168	56	die adj bond\$3 laser with (adhesive) same wavelength laser with (substrate or wafer or carrier) same wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 12:36
S169	29	die adj bond\$3 laser with (adhesive) same energy laser with (substrate or wafer or carrier) same energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/19 13:19
S170	2	11/806847.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/24 11:47
S171	0	(55/977767).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/24 13:38
S172	1	("5597767").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/24 13:38
S173	1	("20070293021").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/26 13:59
S174	75	(US-20070224733-\$ or US-20040113283-\$ or US-20040048419-\$ or US-20050070095-\$ or US-20020098608-\$ or US-20040037699-\$ or US-20040097054-\$ or US-20040180473-\$ or US-20040180473-\$ or US-20020155238-\$ or US-20020155238-\$ or US-20070293021-\$ or US-20070293021-\$ or US-20070249145-\$).did. or (US-5641714-\$ or US-6319754-\$ or US-6589809-\$ or US-7015064-\$ or US-5597767-\$ or	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2010/08/26 14:15

		US-7192843-\$ or US-6964915-\$ or US-7413929-\$ or US-6930392-\$ or US-7063765-\$ or US-7029950-\$ or US-6972215-\$ or US-6677183-\$ or US-6873059-\$ or US-6896760-\$ or US-6514795-\$ or US-6943094-\$ or US-6896760-\$ or US-6514795-\$ or US-6734083-\$ or US-5762744-\$ or US-5710388-\$ or US-6734083-\$ or US-6734083-\$ or US-6734083-\$ or US-6734083-\$ or US-6734083-\$ or US-6762744-\$ or US-5110388-\$ or US-6558975-\$).did. or (US-7408259-\$ or US-6919262-\$ or US-6007920-\$ or US-7235465-\$ or US-6589818-\$ or US-5927993-\$ or US-6762074-\$ or US-6780734-\$ or US-6762074-\$ or US-6780734-\$ or US-7275815-\$ or US-7579260-\$ or US-7696014-\$).did. or (JP-2002343747-\$ or JP-2007150206-\$ or JP-2003163186-\$).did. or (JP-2002343747-\$ or JP-2006128577-\$ or JP-2006093368-\$ or JP-20060933				
S175	16	S174 memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/26 14:15
S176	2	(("20070293021") or ("20050242073")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/26 14:19
S177	210	(wafer adj divid\$3 method).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/26 21:24
S178	168	(disco).as. (first near5 laser) (second near5 laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/26 21:33

S179	102	(disco).as. (first near2 laser) (second near2 laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/26 21:33
S180	106	(disco).as. (laser with adhesive) (laser with wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/26 21:33
S181	1	("20050009307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 09:34
S182	85	first near laser second near laser (adhesive) with (cut\$3 or dic\$3 or scrib\$3 or drill\$3 or divid\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 09:36
S183	15	("20040002199"   "20050006728"   "20050082644"   "4729971"   "6117347"   "6211488"   "6399463"   "6562698"   "6849524"   "6992026"   "7008861"   "7129114"   "7169687"   "7265033").PN. OR ("7550367").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/30 09:56
S184	420	438/463,460,463,118.ccls. laser same adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 09:59
S185	727	438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 10:01
S186	0	438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavlength pulse frquency) same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 10:02
S187	0	438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavlength pulse frequency) same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 10:02

S188	135	438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavelength pulse frequency) same laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/30 10:02
S189	16	("20040180473"   "20050242073"   "20060035411"   "20060205183"   "20060216911"   "20060255022"   "20060281226"   "20070004179"   "20070109526"   "20070128767"   "20070141811"   "20070264799"   "6130401"   "6514795"   "6896760"   "7388172").PN. OR ("7737002").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/30 11:09
S190	80	(US-20070224733-\$ or US-20040113283-\$ or US-20040048419-\$ or US-20050070095-\$ or US-20020098608-\$ or US-2004002199-\$ or US-20040097054-\$ or US-20040097054-\$ or US-2004018045-\$ or US-2004018045-\$ or US-20040180473-\$ or US-20040180473-\$ or US-20020137309-\$ or US-20020137309-\$ or US-20070293021-\$ or US-20070293021-\$ or US-20070293021-\$ or US-20070249145-\$ or US-20050040472-\$).did. or (US-5641714-\$ or US-6908784-\$ or US-7482702-\$ or US-6908784-\$ or US-7192843-\$ or US-6964915-\$ or US-7413929-\$ or US-6930392-\$ or US-7063765-\$ or US-7029950-\$ or US-6972215-\$ or US-6943094-\$ or US-6896760-\$ or US-6514795-\$ or US-6943094-\$ or US-68661285-\$ or US-6943094-\$ or US-6861285-\$ or	US-PGPUB; USPAT; JPO; DERWENT	AND	ON	2010/08/31

		US-6734083-\$ or US-5762744-\$ or US-5110388-\$ or US-6558975-\$).did. or (US-7408259-\$ or US-6919262-\$ or US-6007920-\$ or US-7235465-\$ or US-6589818-\$ or US-5882956-\$ or US-5411921-\$ or US-5927993-\$ or US-6762074-\$ or US-6780734-\$ or US-6780734-\$ or US-6780734-\$ or US-7737002-\$ or US-6970612-\$ or US-7275815-\$ or US-7579260-\$ or US-7696014-\$).did. or (JP-2002343747-\$ or JP-2003173988-\$ or JP-2003163186-\$ or JP-2004022936-\$).did. or (JP-2002343747-\$ or JP-2006186305-\$ or JP-2006186305-\$ or JP-2006128577-\$ or JP-2006093368-\$ or JP-2003163186-\$ or JP-2005004226-\$ or JP-61222703-\$ or US-20040089644-\$).did.				
S191	2662	257/E21.598,E21.599.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 08:53
S192	97	257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3) (wafer adhesive) with laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 08:54
S193	0	257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3 or machine or machining) (different) with laser with ( conditions or characteristics or settings or parameters) with (adhesive wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:40

S194	0	257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3 or machine or machining) (different or select \$3) with laser with ( conditions or characteristics or settings or parameters) with (adhesive wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:41
S195	0	257/E21.598,E21.599.ccls. (different or select\$3) with laser with ( conditions or characteristics or settings or parameters) with (adhesive wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:41
S196	2	257/E21.598,E21.599.ccls. (different or select\$3) with laser same ( conditions or characteristics or settings or parameters) same (adhesive wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:42
S197	260	257/E21.598,E21.599.ccls. laser with (first second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:43
S198	115	257/E21.598,E21.599.ccls. laser with (first second) adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 09:56
S199	21	257/E21.598,E21.599.ccls. laser near2 (machin\$3 or cut\$4 or dicing or diced or dice or scrib\$3 or divid\$3 or separat \$3) near4 adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/31 10:21
S200	1	("20050009307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/31 12:46

## **EAST Search History (Interference)**

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8/31/2010 2:02:38 PM

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